Title (en)

VALVE MECHANISM AND HIGH-PRESSURE FUEL-SUPPLY PUMP HAVING SAME

Title (de)

VENTILMECHANISMUS UND HOCHDRUCK-KRAFTSTOFFFÖRDERPUMPE DAMIT

Title (fr)

MÉCANISME DE SOUPAPE ET POMPE D'ALIMENTATION EN CARBURANT À HAUTE PRESSION COMPORTANT CELUI-CI

Publication

EP 3236061 A1 20171025 (EN)

Application

EP 15869690 A 20151106

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- JP 2015081245 W 20151106

Abstract (en)

An object of the present invention is to provide a valve mechanism for suppressing violent displacement of a valve in a direction of crossing a stroke axis when a valve is opened and closed, and a high-pressure fuel supply pump including the same. The valve mechanism of the present invention includes a seat member having a seat surface, and a valve for contacting the seat surface. The valve mechanism includes a valve housing for accommodating the seat member and the valve, and the valve housing is formed in a shape of restricting displacement of the valve in a crossing direction crossing an opening and closing direction of the valve.

IPC 8 full level

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CPC (source: EP)

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Cited by

US11231119B2; US2023029119A1; GB2571933A; CN114729617A; US11781513B2; EP3628857A1; US2020102924A1; US10808667B2; WO2021099043A1

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Designated extension state (EPC)

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